



survitec

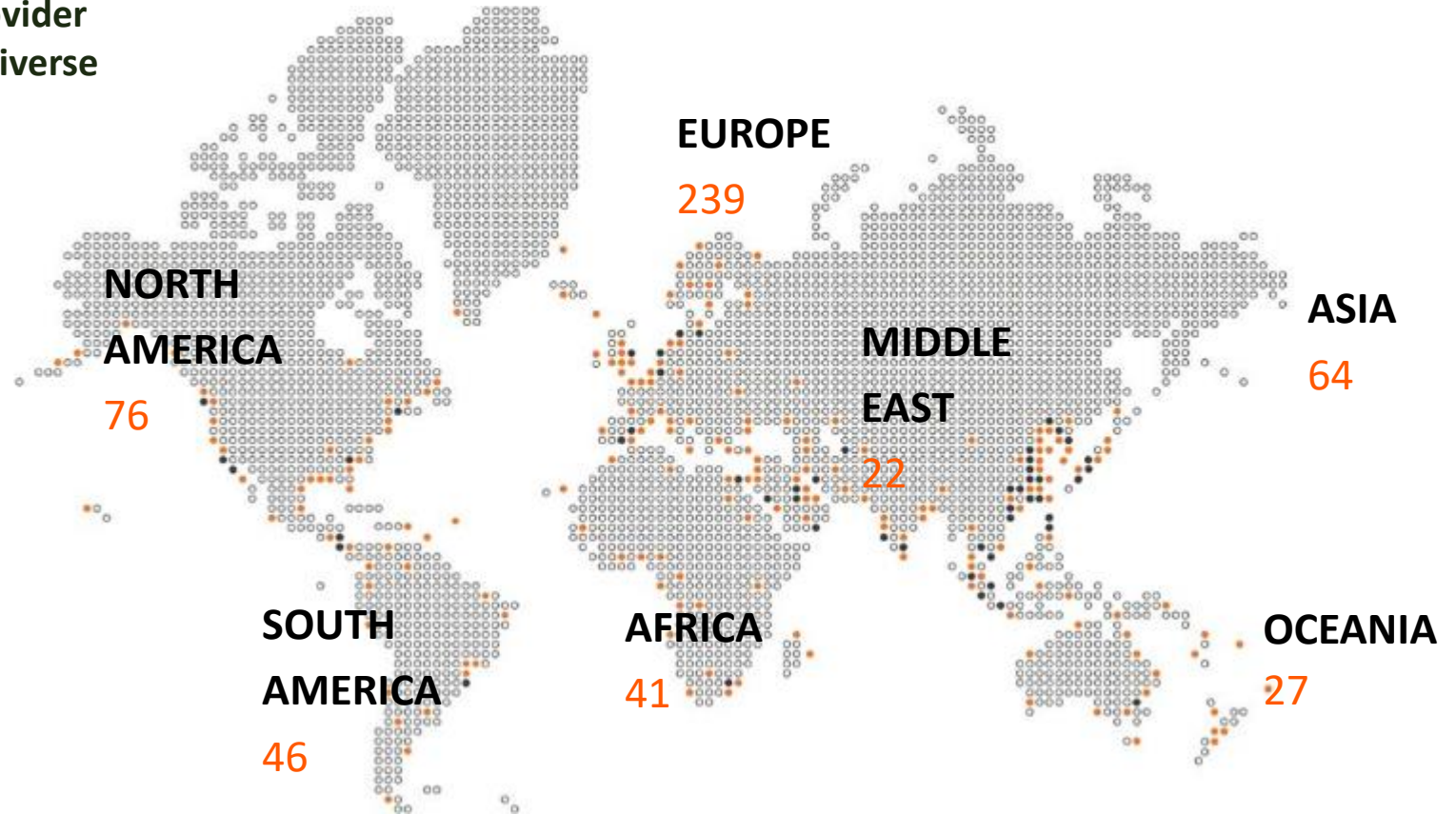
# AVIATION LIFERAFTS – CUSTOM CONFIGURATIONS



# SURVITEC AT A GLANCE

Survitec is the world's leading solutions provider of survival and safety technologies across diverse and growing end markets.

- Market leader across all product segments
- Over 3,000 employees worldwide
- 8 manufacturing facilities
- 15 offshore support centres
- 70 owned service stations
- 515 3rd party service stations and distributors
- Full capability across all survival and safety products and technologies
- 160 years of accumulated IP
- Organic & acquisitive growth strategy
- Transformational acquisition of Wilhelmsen in 2016



## CUSTOMER BASE



LOCKHEED MARTIN



BRITISH AIRWAYS





# LIFERAFT CAPABILITY

“Leveraging over 86 years design expertise in liferaft technology and over 38 years proven experience in the Aerospace industry”



C-130



Heliraft



Phantom



Aerolite



XDS Fixed



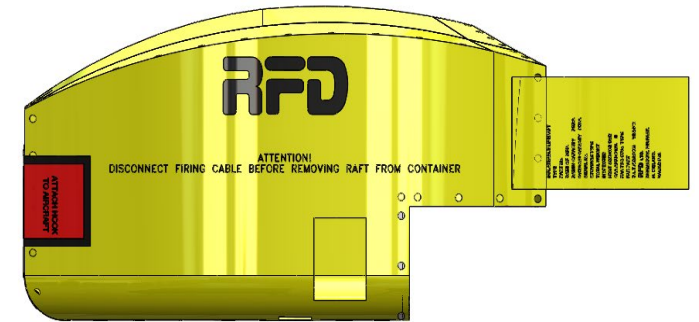
XDS Rotary



# NPD & INNOVATION – LIFERAFTS

## BESPOKE LIFERAFT SOLUTIONS TO MEET YOUR REQUIREMENTS

- Development of innovative pack configurations to fit your aircraft and certify to EASA/FAA standards if required
- Integrate external rafts into aircraft platforms
- Create new capacities to meet operational requirements
- Develop survival kits for different mission requirements around the world
- Work with aircraft OEM's and system integrators to optimise solutions



# RFD HELIFRAFT

## MARKET LEADING LIFESAVING DEVICE

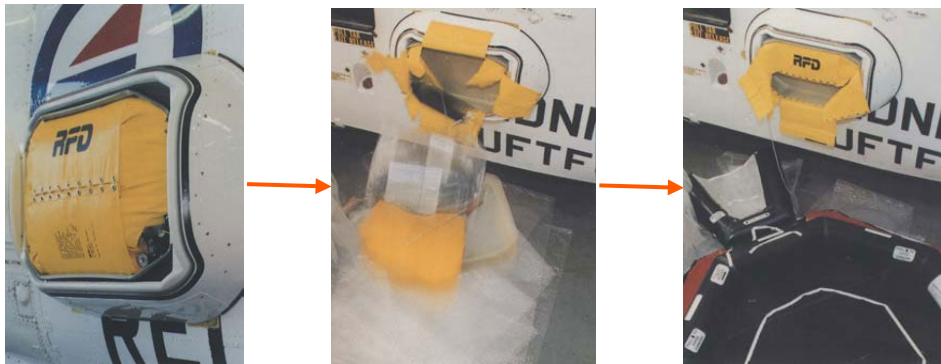
- Started service on offshore helicopters in the UK sector of North Sea during mid-1980's – extreme hazardous conditions
- Accumulated thousands of hours in-service experience, both in commercial and military applications.
- EASA/FAA approved – TSOc70a/c505
- Super-lightweight option using Helium as inflation gas
- 7,10,11, 12,14,18 person rated capacity
- 50% overload capacity
- Fully reversible, always inflates 'right way up' and always boardable
- Open platform design with boarding ramps
- Improved rescue phase
- Inherent stability
- Unrestricted access to a winchman or surface rescuer
- Preferred choice of commercial and military organisations worldwide



# HELIRRAFT XDS

Heliraft XDS (External Deployment System). Survitec has partnerships to develop integrated XDS systems for a wide range of helicopters. Retro fit available on some models.

## Enhanced post-ditching survival



- Reduced workload for crew/passengers
- Reduced exposure to elements / lower stress
- Fitted in conjunction with floatation system

## Heliraft XDS platforms



And many more.....



# RFD AEROLITE

## MULTI-PURPOSE, HIGHLY ADOPTABLE LIFERAFT SERIES

- Universal Liferrafts which have been applied to both fixed and rotary wing operations
- 4,5,6,10,11,20, 30,32, 33 person rated capacity in accordance with FAA & EASA standards for Liferrafts
- RA Long-ranger reversible capacity
- Self-erecting high stability twin buoyancy tubes
- Automatic inflation system
- Comprehensive customer specific survival packs including FAR 91/135, JAR OPS 3
- Strong protective canopy
- Wide range of stowage options, including wing-stowage
- Stringent testing through CAA and FAA approval
- Open platform design, dramatically improves boarding and rescue phase



# AEROLITE XDS

Aerolite XDS (External Deployment System). Survitec has partnerships to develop integrated XDS systems for a wide range of fixed wing aircraft. Retro fit available on some models.

## Enhanced post-ditching survival



- Wing stowage options available
- Rapid deployment in event of emergency
- Minimises crew action required

## Aerolite XDS platforms



Embraer KC-390



Lockheed C-130



Leonardo C-27J

And many more.....



# RFD SAR RAFT

## UNIVERSAL APPLICATION AIR DROPPABLE LIFERAFTS

- Air droppable valise, manufactured from strong nylon fabric with hypalon coating, coloured orange/yellow for high visibility
- Minimal weight and bulk
- Simple launch procedures, handling and carriage
- No costly airframe modifications required
- Forward flight (auto inflate) or hover mode (operator controlled) deployment options
- Deployed up to 80 feet (hover) and 300 feet (forward flight)
- Rapid air droppable rescue kits for 4 to 18 persons
- Canopy as standard for environmental protection
- Single or linked 'chains'
- In use with Coast Guards and SAR Forces around the world



# DEPLOYMENT

## FIXED WING AIRCRAFT: FORWARD FLIGHT



## ROTARY WING AIRCRAFT: HOVER MODE





# PHANTOM RAFT

## SPECIALIST COVERT APPLICATION LIFERAFT

- Based on the Survitec tried and tested four person RFD Aerolite
- Self-erecting high stability twin buoyancy tubes
- Strong protective canopy
- External platform to make boarding easier
- Inflatable canopy support ensures maximum protection against the most extreme elements
- canopy and inflation tubes are all manufactured from completely dark based fabrics
- Webbing lifelines are also dark coloured
- Manually operated sea light on top of the raft. This can be switched off as required reducing the visible profile at night
- Comprehensive customer specific survival packs available





# C-130 LIFERAFT

## PLUG & PLAY LIFERAFT SOLUTION

- Utilises the tried and tested RFD Aerolite Liferaft for C130 aircraft
- Connects to existing wing stowage
- Strong protective canopy
- Direct replacement for F2B factory installed item with proven superior performance
- Rapid upgrade procedure
- Zero modifications to aircraft required
- Manufactured from durable abrasion resistant material
- Low weight and minimal bulk
- Higher capacity than Legacy solution
- 50% overload capacity as standard
- Cable operated release mechanism
- Approved by EASA to Specification ETSO 2C70b



# SERVICING

28 PART 145 APPROVED SERVICE STATIONS



Post Flight | Annual Inspection | Regular Intervals | Damage Repair | Replacement Components | Obsolescence Management





# APPROVALS

- BS EN ISO9001 : 1994
- C.A.A. B.C.A.R. D.A.I/3257/51
- J.A.A. JAR21 Sub-Part G G02051
- M.O.D. P.E. Design Approval Certification
- ISO9001 - SGS Yarsley Q5347
- JAR-21 Subpart G (Production organisation) - CAA.G.02113
- JAR-145 - CAA.00164
- CAA Air Navigation Order - DAI/1708/44
- Ministry of Defence (UK) Design Approval Organisation Scheme (DAOS)





# TOTAL SAFETY



Crew Lifejackets

Crew Survival Suits

Beacons/Lights

Passenger Lifejackets

Passenger Survival Suits

Liferafts

Pyrotechnics



The logo for Survitec, featuring a white curved line above the word "survitec" in a lowercase, sans-serif font.

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[SURVITECGROUP.COM](http://SURVITECGROUP.COM)